AC11

Meridian Component Interlink Hub

Meridian's new SpeakerLink component interlink system allows balanced high resolution digital audio, RS232 and Meridian Comms control signals to be carried via a single, standard Cat 5 STP (shielded twisted pair) cable terminated with standard RJ45 connectors, allowing unprecedented ease of installation which can often employ existing network-ready wiring. A single cable can supply all the data and audio information between two Meridian components that would previously have required separate audio and control cables.

As time goes by an increasing number of Meridian products will be fitted with SpeakerLink connections. The first three products with SpeakerLink are the DSP7200 (vertical and horizontal centre versions), the DSP8000 and the 808.2 Signature Reference CD Player, with others in the pipeline.

The AC11 Meridian Component Interlink is a hub allowing the interfacing of SpeakerLink components with legacy Meridian components including DIN and/or BNC comms ports and S/PDIF digital audio connections. The AC11 permits the building of a complete system utilising components and loudspeakers using any of these connections. The unit is particularly useful for interfacing Meridian sources and surround controllers with DSP loudspeakers.

In a typical system, the Meridian 'Controller' product will be connected to the 'Master' Meridian Comms sockets (DIN or BNC) on the rear panel of the AC11. BNC or DIN cables can be run from the 'Slave' ports to and from legacy speakers.

The Master SpeakerLink socket is connected to the Master DSP Loudspeaker and carries digital audio sourced from Digital Audio Input A (normally channels 1 and 2). The slave speakers are connected to the remaining SpeakerLink connectors as required (Ch A–D) and carry digital audio sourced from the corresponding Digital Audio Inputs.

These latter are fed with S/PDIF audio signals from the controller (for example), via the S/PDIF connectio.

Additional connections include a 12v trigger input, provided for future expansion. In addition an IR Out port is provided for connection to the controller's IR input. This works in conjunction with the IR Return and Slave Comms Return RJ45 sockets on the rear panel, delivering infrared commands from the Master speaker (in systems where the Master speaker is also the System Controller).

Front panel indicators show the presence of power and activity on the Master and Slave connections.

Product highlights

Allows Meridian components and loudspeakers using the new SpeakerLink Cat 5-based interlink system to interface with legacy components using the DIN- or BNC-based Meridian communications system

SpeakerLink carries balanced digital audio, RS232, Meridian comms data, via standard Cat 5 cabling

AC11 allows the integration of both simple and complex Meridian installations using virtually any Meridian digital components.

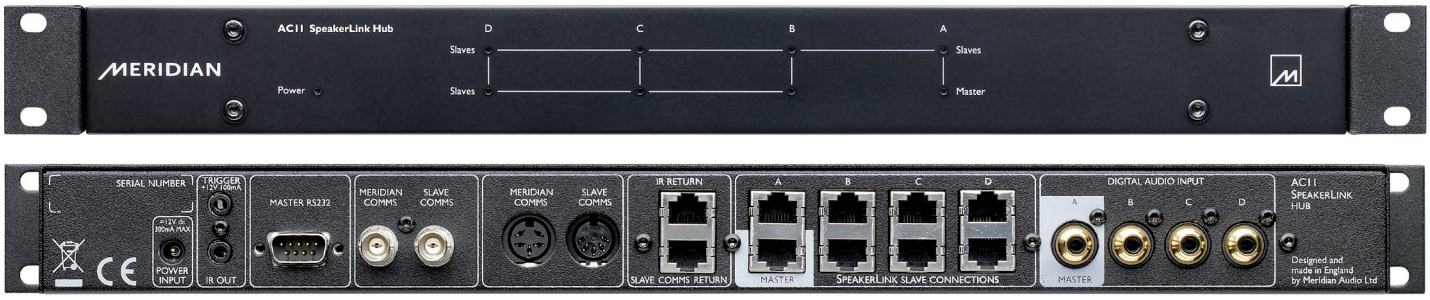
Meridian Audio Limited
Latham Road, Huntingdon
Cambridgeshire PE29 6YE, UK
T +44(0)1480 445678
F +44(0)1480 445686
E info@meridian-audio.com

Meridian America Inc.
8055 Troon Circle, Suite C
Austell, GA 30168-7849, USA
T +1(404) 344 7111
F +1(404) 346 7111

www.meridian-audio.com

AC11

Meridian Component Interlink Hub



Above: AC11 front panel showing indicators. Below: Rear panel connections.

Technical specification

Form factor
- 1 U rack mounting

Power
- External power supply, 12vdc 300mA max

Connections
- Power input
- Trigger out (3.5mm jack)
- IR Out to controller (3.5mm jack)
- RS232 DB9 master control port
- Meridian BNC Comms Master & Slave
- Meridian DIN Comms Master & Slave
- IR Return and Slave Comms Return (RJ45)
- SpeakerLink connections to master and slave speakers, Ch A (Master) to D (RJ45)
- Digital Audio Inputs (S/PDIF) Ch A (Master) to D (phono)

Front-panel Indicators
- Power LED
- Master (x1) and Slave (x6) LEDs